REMARKS

Claims remaining in the present patent application are numbered 2 and 4. Claims 3 and 5 have been canceled. The rejections and comments of the Examiner set forth in the Office Action dated March 24, 2004 have been carefully considered by the Applicants. Applicants respectfully request the Examiner to consider and allow the remaining claims.

35 U.S.C. §112 Rejection

The present Office Action rejected Claims 2-5 under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. Specifically, the claims contain subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, etc. In particular, as per Claims 2-5 the descriptions "first and second segment selectors," and first and second descriptor tables," and "first and second registers," are not supported by the Specification.

Applicants respectfully assert that the remaining Claims 2 and 4 are fully supported by the Specification in the present Application. Specifically, the section beginning with the paragraph beginning at page 17, line 7 to the paragraph beginning at page 19 line 10 describes two segment selectors, two descriptor tables and two registers for implementing a segmentation operation, e.g., for generating descriptor addresses.

For instance, in the Specification, two segment selectors and two tables are described. Specifically, a first segment selector from a first AGENS instruction is used to compute the address of a descriptor segment in a first (local) or second (global) descriptor tables. A second AGENS instruction is used to compute the

address of a second descriptor segment in an opposing global or local descriptor table. As such, the AGENS instruction is one of a pair of AGENS instructions to implement a first segment selector and a second segment selector.

In addition, in the Specification, two registers are described. Basically, each segment selector either successfully accesses a corresponding first or second resistor that describe a descriptor segment from a corresponding descriptor table (local or global), or returns an exception. After it is determined which segment selector successfully accesses a table, after executing both the segment selector instructions from the local and global AGENS instructions, it can be determined which table (the first [local] or second [global] descriptor table) will be selected to access a corresponding first or second register. As such Applicants respectfully assert that the Claims 2 and 4 satisfies the 35 U.S.C. 112, second paragraph. Applicants respectfully requests reconsideration of Claims 2 and 4.

Drawings

The present Office Action rejected the drawings under 37 CFR 1.83(a). Specifically, the drawings must show every feature of the invention specified in the claims. In particular, the drawings are objected to as not showing the first and second table, and register.

Applicants respectfully assert that the drawings without correction fully support Claims 2 and 4 in the present Application. In particular, Figures 2A, 2B and 3 describe the first and second tables and registers. For instance, in Figure 2A, access to the local descriptor table is described. Furthermore, in Figure 2B, access to the global descriptor table is described. Moreover, in Figure 3, it is shown that

register 35 stores the segment selector property indicators and limit value for the global descriptor table. Also, register 36 stores the segment selector property indicators and limit value for the local descriptor table. As such, Applicants respectfully assert that the drawings show every feature of the invention specified in the claims under 37 CFR 1.83(a). Applicants respectfully requests reconsideration of the drawings.

35 U.S.C. §102 Rejection

The present Office Action rejected Claims 2-5 under 35 U.S.C. 102 as being anticipated by McGrath (U.S. Patent No. 6,457,115).

NEWLY ALLOWABLE SUBJECT MATTER

Applicants wish to thank the Examiner for the indication that Claims 2 and 4 would be allowable if rewritten in independent form including the limitations of their base claim and any intervening claims.

INDEPENDENT CLAIM 2

Applicants have herein amended into independent Claim 2 the subject matter of Claim 3, which was cited on page 5 of the present Office Action as being allowable if rewritten in independent form including the limitations of its base claim and any intervening claims. As a result, newly amended independent Claim 2 is now allowable over the prior art, and a discussion of the 35 U.S.C. §102 rejection of that Claim is moot at this time.

INDEPENDENT CLAIM 4

Applicants have herein amended into independent Claim 4 the subject matter of Claim 5, which was cited on page 5 of the present Office Action as being

allowable if rewritten in independent form including the limitations of its base claim and any intervening claims. As a result, newly amended independent Claim 4 is now allowable over the prior art, and a discussion of the 35 U.S.C. §102 rejection of that Claim is moot at this time.
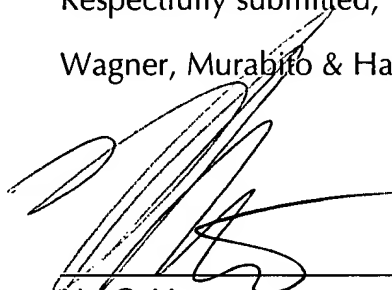
CONCLUSION

In light of the above-listed remarks presented herein, Applicants respectfully request allowance of the present Application.

Applicants further respectfully point out that no contested Claims remain in the present Application.

The Examiner is invited to contact Applicants' undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

Respectfully submitted,

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Date: 26 July 2004

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